

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/539047	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/05 14:36
S2	1	("20040104702 ").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/05 14:37
S3	1	("20060241808 ").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/05 14:38
S4	711	(700/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/05 17:34
S5	711	(700/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/05 20:24
S6	53	S5 and speech near2 recognition	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/05 20:24
S7	712	(700/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/06 10:30
S8	2	S7 and acoustic near2 model	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 10:30
S9	712	(700/258).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/06 12:04
S10	3810	(hidden adj2 markov adj2 model) and (speech adj2 recognition)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 12:06
S11	10	S9 and hidden adj2 markov adj2 model	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 12:07
S12	14	S10 and face and kalman and (pass adj2 filter)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 12:15
S13	138	S10 and cost adj2 function	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 12:42

S14	67	S13 and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 13:10
S15	13	S13 and multiple same speakers and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 13:12
S16	5	S13 and multiple with speakers and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 13:12
S17	7	("20030229495" "20040054531" "20040175006" "6471420" "7035418" "7076433" "20030103647").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 13:27
S18	20	(US-20040104702-\$ or US- 20090030552-\$ or US- 20060241808-\$ or US- 20030113002-\$ or US- 20020116196-\$ or US- 20040054531-\$ or US- 20030229495-\$ or US- 20030103647-\$).did. or (US-6862497-\$ or US- 5806036-\$ or US- 6085160-\$ or US- 7277831-\$ or US- 6070140-\$ or US- 6292775-\$ or US- 6539353-\$ or US- 6490555-\$ or US- 6438519-\$ or US- 7076433-\$ or US- 7035418-\$ or US- 6471420-\$).did.	US-PGPUB; USPAT	OR	ON	2011/01/06 13:36
S19	5	S18 and robot	US-PGPUB; USPAT	OR	ON	2011/01/06 13:37
S20	100	(US-20090030552-\$ or US- 20100246837-\$ or US- 20020116196-\$ or US- 20020156633-\$ or US- 20030185411-\$ or US- 20050086058-\$ or US- 20080175423-\$ or US- 20030028378-\$ or US- 20050240412-\$ or US- 20060161430-\$ or US- 20090018828-\$ or US- 20090240499-\$ or US- 20010044727-\$ or US- 20020037087-\$ or US-	US-PGPUB; USPAT	OR	ON	2011/01/06 13:38

20020090098-\$ or US-
20020118852-\$ or US-
20050004792-\$ or US-
20050024245-\$ or US-
20050142522-\$ or US-
20050165609-\$ or US-
20050244020-\$ or US-
20060029246-\$ or US-
20060167681-\$ or US-
20060182295-\$ or US-
20060253278-\$ or US-
20070005348-\$).did. or
(US-20070009864-\$).did.
or (US-5450522-\$ or US-
5537647-\$ or US-
6400989-\$ or US-
6718043-\$ or US-
5377302-\$ or US-
6108592-\$ or US-
6119086-\$ or US-
6134529-\$ or US-
5459815-\$ or US-
6070140-\$ or US-
6092040-\$ or US-
6094492-\$ or US-
6157909-\$ or US-
6408081-\$ or US-
6912500-\$ or US-
7110951-\$ or US-
7243060-\$ or US-
7149690-\$ or US-
5586215-\$ or US-
5621858-\$ or US-
5680481-\$ or US-
5771306-\$ or US-
4862509-\$ or US-
4348553-\$ or US-
5036539-\$ or US-
6505161-\$).did. or (US-
6598017-\$ or US-
4813076-\$ or US-
4820059-\$ or US-
4809332-\$ or US-
4827516-\$ or US-
5381512-\$ or US-
5274739-\$ or US-
5473759-\$ or US-
5715321-\$ or US-
5856722-\$ or US-
6012334-\$ or US-
6227054-\$ or US-
4366349-\$ or US-
4419544-\$ or US-
4495384-\$ or US-

		4536844-\$ or US- 4802225-\$ or US- 4905285-\$ or US- 4985923-\$ or US- 4996712-\$ or US- 5370689-\$ or US- 5422977-\$ or US- 5483617-\$ or US- 5549658-\$ or US- 5749912-\$ or US- 5884260-\$ or US- 6073099-\$).did. or (US- 6202047-\$ or US- 6311153-\$ or US- 6347299-\$ or US- 6438243-\$ or US- 6477490-\$ or US- 6675140-\$ or US- 6738485-\$ or US- 6895098-\$ or US- 6910013-\$ or US- 6965863-\$ or US- 7126509-\$ or US- 7203331-\$ or US- 7319959-\$ or US- 7349851-\$ or US- 7366656-\$ or US- 7421392-\$ or US- 7574357-\$ or US- 7629897-\$ or US- 7729907-\$ or US- 7778430-\$).did.				
S21	6	S20 and robot	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 13:38
S22	4	((10/343525) or (10/451285)).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/06 13:41
S23	20	(US-20040104702-\$ or US- 20090030552-\$ or US- 20060241808-\$ or US- 20030113002-\$ or US- 20020116196-\$ or US- 20040054531-\$ or US- 20030229495-\$ or US- 20030103647-\$).did. or (US-6862497-\$ or US- 5806036-\$ or US- 6085160-\$ or US- 7277831-\$ or US- 6070140-\$ or US- 6292775-\$ or US-	US-PGPUB; USPAT	OR	ON	2011/01/06 15:25

		6539353-\$ or US- 6490555-\$ or US- 6438519-\$ or US- 7076433-\$ or US- 7035418-\$ or US- 6471420-\$).did.				
S24	6	S23 and acoustic adj model	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 15:25
S25	67	(robot or robotic) and acoustic near2 model and pitch and harmonic and face and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 16:00
S26	604	(robot or robotic) and pitch and harmonic and face and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 16:03
S27	92	(robot or robotic) and speaker same direction and pitch and harmonic and face and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 16:04
S28	117	speech adj2 recognition and face adj2 tracking	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 16:24
S29	40	((speech or voice) adj2 recognition) and ((face or facial) adj2 (track\$3 or localiz\$4 or locat\$3)) and (speaker with direction)	US-PGPUB; USPAT	OR	ON	2011/01/06 16:42
S30	1	("7211980").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/06 16:49
S31	1	(11/635041).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/06 16:54
S32	4787	acoustic near2 model	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 19:31
S33	2972	acoustic near2 model and ((speech or voice) near2 recogni\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 19:33
S34	809	acoustic near2 model and ((speech or voice) near2 recogni\$5) and direction	US-PGPUB; USPAT; USOCR	OR	ON	2011/01/06 19:34

1/15/2011 2:29:47 PM

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539047 ROBOTICS VISUAL AND AUDITORY SYSTEM.wsp